

217/782-2113

FEDERALLY ENFORCEABLE STATE OPERATING PERMIT

PERMITTEE

Crown Cork & Seal Company (USA), Inc.  
Attn: Mr. Hector Murillo  
5555 West 115th Street  
Alsip, Illinois 60482

Application No.: 03040083

I.D. No.: 031003ACY

Applicant's Designation:

Date Received: April 16, 2003

Subject: Can Manufacturing

Date Issued: October 14, 2003

Expiration Date: October 14, 2008

Location: 5555 West 115th Street, Alsip

This permit is hereby granted to the above-designated Permittee to OPERATE emission unit(s) and/or air pollution control equipment consisting of 4 can assembly lines, including 4 coating lines with 4 curing ovens pursuant to the above-referenced application. This Permit is subject to standard conditions attached hereto and the following special condition(s):

- 1a. This federally enforceable state operating permit is issued to limit the emissions of air pollutants from the source to less than major source thresholds (i.e., 10 tons/year for a single Hazardous Air Pollutant (HAP), 25 tons/year for total HAPs and 25 tons/year for Volatile Organic Material (VOM)). As a result the source is excluded from the requirement to obtain a Clean Air Act Permit Program (CAAPP) permit. The maximum emissions of this source, as limited by the conditions of this permit, are described in Attachment A.
- b. Prior to issuance, a draft of this permit has undergone a public notice and comment period.
- c. This permit supersedes all operating permits issued for this location.
2. At all times the Permittee shall, to the extent practicable, maintain and operate the equipment, including associated air pollution control equipment, in a manner consistent with good air pollution control practices for minimizing emissions.
3. All coatings, as applied, shall not exceed the limits specified in 35 Ill. Adm. Code 218.204b. Specifically, the side seam spray shall not exceed a VOM content of 5.5 lb/gal.
4. Emissions and operation of the 4 can assembly lines, including cleanup, shall not exceed the following limits:

VOM Usage and Emissions	
<u>(Tons/Month)</u>	<u>(Tons/Year)</u>

2.7

24.7

These limits are based on maximum usage and VOM content of each material as provided in the permit application. Usage shall be defined as the amount of VOM purchased minus the amount reclaimed and shipped off-site. Compliance with annual limits shall be determined from a running total of 12 months of data.

5. The emissions of Hazardous Air Pollutants (HAPs) as listed in Section 112(b) of the Clean Air Act shall not equal or exceed 10 tons per year of any single HAP or 25 tons per year of any combination of such HAPs, or such lesser quantity as USEPA may establish in rule which would require the Permittee to obtain a CAAPP permit from the Illinois EPA. As a result of this condition, this permit is issued based on the emissions of any HAP from this source not triggering the requirement to obtain a CAAPP permit from the Illinois EPA.
6. In the event that the operation of this source results in an odor nuisance the Permittee shall take appropriate and necessary actions to minimize odors, including but not limited to, changes in raw material or installation of controls.
7. This permit is issued based on no printing operations at the source.
8. Emissions from the natural gas combustion equipment.

<u>Natural Gas Usage</u> <u>(mmcf/Yr)</u>	<u>Factors</u> <u>(Lb/mmcf)</u>	<u>Emission</u> <u>(Ton/Yr)</u>	<u>Pollutants</u>
21	100	1.1	NO <sub>x</sub> - Nitrogen Oxides
	84	0.9	CO - Carbon Monoxide
	5.5	0.06	VOM - Volatile Organic Material

- 9a. The Permittee shall maintain records of the following items:
  - i. Amount of each coating and solvent purchased (gallon/month and gallon/year);
  - ii. VOM and HAP content of each coating and solvent purchased (lb/gallon);
  - iii. Solvent reclaimed and shipped off-site (gallon/month and gallon/year);
  - iv. VOM and HAP content of solvent reclaimed and shipped off-site (lb/gal); and
  - v. VOM and HAP usage and emissions.
- b. All records and logs required by this permit shall be retained at a readily accessible location at the source for at least three years from the date of entry and shall be made available for inspection and copying by the Illinois EPA or USEPA upon request. Any records

retained in an electronic format (e.g., computer) shall be capable of being retrieved and printed on paper during normal source office hours so as to be able to respond to an Illinois EPA or USEPA request for records during the course of a source inspection.

10. If there is an exceedance of the requirements of this permit as determined by the records required by this permit, the Permittee shall submit a report to the Illinois EPA's Compliance Section in Springfield, Illinois within 30 days after the exceedance. The report shall include the emissions released in accordance with the recordkeeping requirements, a copy of the relevant records, and a description of the exceedance or violation and efforts to reduce emissions and future occurrences.
11. Two (2) copies of required reports and notifications concerning equipment operation or repairs, performance testing or a continuous monitoring system shall be sent to:

Illinois Environmental Protection Agency  
Division of Air Pollution Control  
Compliance Section (#40)  
P.O. Box 19276  
Springfield, Illinois 62794-9276

and one (1) copy shall be sent to the Illinois EPA's regional office at the following address unless otherwise indicated:

Illinois Environmental Protection Agency  
Division of Air Pollution Control  
9511 West Harrison  
Des Plaines, Illinois 60016

12. The Permittee shall submit the following additional information with the Annual Emissions Report, due May 1st of each year: VOM and HAP usage and emissions. If there have been no exceedances during the prior calendar year, the Annual Emission Report shall include a statement to that effect.

If you have any questions on this, please call Randy Solomon at 217/782-2113.

Donald E. Sutton, P.E.  
Manager, Permit Section  
Division of Air Pollution Control

DES:RBS:psj

cc: Illinois EPA, FOS Region 1  
Illinois EPA, Compliance Section  
Lotus Notes

## Attachment A - Emission Summary

This attachment provides a summary of the maximum emissions from the furniture manufacturing and finishing plant, operating in compliance with the requirements of this federally enforceable permit. In preparing this summary, the Illinois EPA used the annual operating scenario which results in maximum emissions from such a plant. The resulting maximum emissions are just below the levels, 25 tons per year of VOM, 10 tons per year of a single HAP and 25 tons per year of combined HAPs at which this source would be considered a major source for purposes of the Clean Air Act Permit Program. Actual emissions from this source will be less than predicted in this summary to the extent that less material is handled, coatings used and control measures are more effective than required in this permit.

- 1a. Emissions and operation of the 4 can assembly lines, including cleanup, shall not exceed the following limits:

VOM Usage and Emissions	
<u>(Tons/Month)</u>	<u>(Tons/Year)</u>

2.7	24.7
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- b. The emissions of Hazardous Air Pollutants (HAPs) as listed in Section 112(b) of the Clean Air Act shall not equal or exceed 10 tons per year of any single HAP or 25 tons per year of any combination of such HAPs, or such lesser quantity as USEPA may establish in rule which would require the Permittee to obtain a CAAPP permit from the Illinois EPA. As a result of this condition, this permit is issued based on the emissions of any HAP from this source not triggering the requirement to obtain a CAAPP permit from the Illinois EPA.

2. Emissions from the natural gas combustion equipment.

<u>Natural Gas Usage</u> <u>(mmcf/Yr)</u>	<u>Factors</u> <u>(Lb/mmcf)</u>	<u>Emission</u> <u>(Ton/Yr)</u>	<u>Pollutants</u>
21	100	1.1	NO <sub>x</sub> - Nitrogen Oxides
	84	0.9	CO - Carbon Monoxide
	5.5	0.06	VOM - Volatile Organic Material

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